

1/28/00

[Handwritten mark]

01/26/00
jc598 U.S. PTO

Certificate of Mailing By "U.S. Express Mail" Under 37 C.F.R. 1.10(c)

"EXPRESS MAIL" Mailing Label Number: EL392922593US Date of Deposit: 1/26/2000

I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner For Patents, Washington, DC 20231.

Name: CHRISTINE HIGGINS
Ch Higgins
 Signature

1/26/2000
 Signature Date

jc525 U.S. PTO
09/491389
01/26/00

Docket No. : ARC-P002

APPLICATION TRANSMITTAL LETTER

Assistant Commissioner of Patents
United States Patent and Trademark Office
Washington, D.C. 20231
ATTN: BOX PATENT APPLICATION

Sir:

Transmitted herewith for filing is the patent application of
Inventor(s): **Ku, et al.**
Entitled: **Method and Apparatus of Relative Datapath Cell Placement with Structure Bonding and Exponential Field Sampling**

26 No. pages of specification, including title page, claims and abstract
9 No. sheets of X informal, formal drawings

Also enclosed are:

- X Executed Combined Declaration and Power of Attorney for Patent Application
- X An Original Executed Assignment of the Application
- X Form PTO-1595 (Recordation Cover Sheet for Assignment)
- X Verified Statement Claiming Small Entity Status with Cover Sheet
- X An Information Disclosure Statement (Form PTO-1449A and Form PTO-1449B)
- X A copy of References cited in Information Disclosure: 4 documents

FEES DUE

The fees due for filing the application pursuant to 37 C.F.R. 1.16 and for recording the Assignment, if any, are determined as follow:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fees
Basic Application Fee (\$690 large entity; \$345 small entity)					\$ 345.00
Total Claims	24	Minus 20 =	4	X \$18 = X \$ 9 (small) =	36.00
Total Independent Claims	5	Minus 3 =	2	X \$78 = X \$39 (small) =	78.00
If Multiple Dependent Claims are presented, add \$260.00 or \$130.00(small)					
If Assignment enclosed, add Assignment Recording Fee \$40.00					40.00
TOTAL APPLICATION FEE DUE					\$ 499.00

09491389-012600

PAYMENT OF FEES

The full fee due in connection with this communication is
and is provided as follows:

\$ 499.00

_____ The Commissioner is hereby authorized to charge the fees associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

X A Check No. 6022 for the above specified full fee is enclosed. However, in case Applicant inadvertently miscalculated any required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

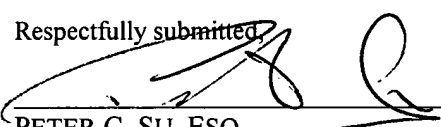
This application is filed pursuant to 37 C.F.R. 1.53 in the name of the above-identified Inventor(s).

Please direct all correspondence concerning the above-identified application to the following address:

FERNANDEZ & ASSOCIATES LLP
PATENT ATTORNEYS
PO BOX D
MENLO PARK, CA 94026-6204

(650) 325-4999
(650) 325-1203 : FAX
EMAIL: iploft@iploft.com

Respectfully submitted,


PETER C. SU, ESQ.
Reg. No. 43,939

Date

1/26/2000

The Assistant Commissioner of Patents
United States Patent and Trademark Office
Washington, D.C. 20231
ATTN: Box Patent Application

Re: U.S. Utility Patent Application
Appl. No. (Not yet assigned); Filed 1/26/2000
For: **Method and Apparatus of Relative Datapath Cell Placement with Structure
Bonding and Exponential Field Sampling**
Inventor(s): **Ku, et al.**
Docket No.: **ARC-P002**

Sir:

The following documents are forwarded herewith for action by the U.S. Patent and Trademark Office:

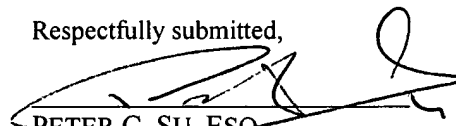
1. U.S. UTILITY APPLICATION
entitled: **Method and Apparatus of Relative Datapath Cell Placement with Structure
Bonding and Exponential Field Sampling**
having named inventor(s):
Ku, et al.
 - a. a specification consisting:
 - (i) 20 pages prior to the claims, including title page;
 - (ii) 5 pages of claims;
 - (iii) 1 page abstract;
 - b. 9 sheets of informal drawings: (FIGs.);
2. An original, executed Combined Declaration and Power of Attorney by named inventors;
3. Form PTO-1082 (in duplicate);
4. Cover letter for Assignment (Form PTO-1595)
5. An original, executed Assignment to Arcadia Design Systems., executed by named inventors, recordation of which is hereby requested;
6. A return post card; and
7. Check No. 6022 for \$ 499 to cover:

Patent application filing fee:	\$ 459.00
Assignment Recordation fee:	\$ 40.00
Excess claims fee:	\$.00
8. Verified Small Entity Status Statement with Cover Sheet
9. Information Disclosure Statement and Form PTO 1449

It is respectfully requested that the attached postcard be stamped with the filing date of the above documents and unofficial application number and returned to the addressee as soon as possible.

1/26/2000
Date

Respectfully submitted,


PETER C. SU, ESQ.
Reg. No. 43,939

FERNANDEZ & ASSOCIATES LLP
PATENT ATTORNEYS
PO BOX D
MENLO PARK, CA 94026-6204

(650) 325-4999
(650) 325-1203 : FAX
EMAIL: iploft@iploft.com

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of :

Application No.: (Not yet assigned)

Group No.: (Not yet assigned)

Filed: 1/26/ 2000

Examiner: (Not yet assigned)

Title: **Method and Apparatus of Relative Datapath Cell Placement with Structure Bonding and Exponential Field Sampling**

Inventor(s): **Ku, T. *et al.***

Assistant Commissioner for Patents
Washington, D.C. 20231

**SUBMISSION OF VERIFIED STATEMENT
TO ESTABLISH SMALL ENTITY STATUS**

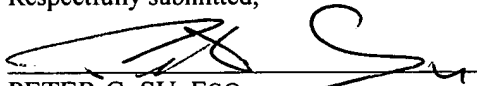
The attached statement is being submitted to establish small entity status in this

☒ Application
☐ Patent

by the

☐ Independent inventor(s) 37 CFR 1.9(c) and 1.27(b)
☐ Non-inventor supporting claim by another 37 CFR 1.9(c) and 1.27(b)
☒ Small Business Concern 37 CFR 1.9(d) and 1.27(c)
☐ Nonprofit Organization 37 CFR 1.9(e) and 1.27(d)

Respectfully submitted,



PETER C. SU, ESQ.

Reg. No. 43,939

FERNANDEZ & ASSOCIATES LLP
PATENT ATTORNEYS
PO BOX D
MENLO PARK, CA 94026-6204

(650) 325-4999

(650) 325-1203 : FAX

EMAIL: iploft@iploft.com

003610-00000000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: (Not yet assigned)
Filed on: 1/26/2000Patent No.: (Not yet assigned)
Issued on: (Not yet assigned)Title: **Method and Apparatus of Relative Datapath Cell Placement with Structure Bonding and Exponential Field Sampling**
Inventor(s): **Ku, et al.****VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS**
(37 CFR 1.9(f) and 1.27(c) -- SMALL BUSINESS CONCERN)

I hereby declare that I am

 the owner of the small business concern identified below: X an official of the small business concern empowered to act on behalf of the concern identified below:Name of Small Concern:
ARCADIA DESIGN SYSTEMSAddress of Small Concern:
**2801 Orchard Parkway
San Jose, CA 95134**

I hereby declare that the above identified small business concern qualifies as a small business concern, as provided in 37 CFR 1.9(d), for purpose of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons.

I hereby declare that the rights under contract or law have been conveyed to, and remain with, the concern identified above with regard to the invention described in

 X the specification filed herewith, with title and inventor(s) as listed above.
 the application identified above.
 the patent identified above.

If the rights held by the above identified concern are not exclusive, each individual, concern, or organization having rights in the invention is listed below and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c), it that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization having any rights in the invention in addition to the above identified concern is listed below:

Name _____
Address _____
 Individual X Small Business Nonprofit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee

OFFICE OF THE COMPTROLLER

or any maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further, that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Tsu-Wei Ku
Print Name of Person Signing

Chief Technology Officer
Title of Person Signing

2801 Orchard Parkway, San Jose, CA 95134
Address of Person Signing

SIGNATURE

Ken Wei Ku

Date _____

1/24/2000

[illegible]